TRENDnet®

Quick Installation Guide

TV-H110

H/W: V1

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1. Before you start

Package Contents

- TV-H110
- Quick Installation Guide
- Mounting Bracket
- Allen Wrench (5mm)
- Screws, washers and wall mount kit
- IR Shelter
- Power Adapter (12V, 1.5A)

Installation Requirements

The following items below are not included. Users must provide the items themselves. Make sure to have each item on hand before installation.

- Internet Camera Server (e.g. TV-IP110, TV-IP110W, TV-IP212, TV-IP212W, TV-IP312, TV-IP312W)
- Dry Wall or Wood surface
- Wire Stripper
- Phillips Screwdriver
- Utility Knife
- Electrical Tape
- 8P8C Modular Plug/RJ-45 connector (for wired Internet camera server)

***Note:** You must know how to terminate a network cable with an RJ-45 connector in order to install a wired internet camera server into the TV-H110. If you do not know how to terminate a network cable with an RJ-45 connector, please consult a network professional.

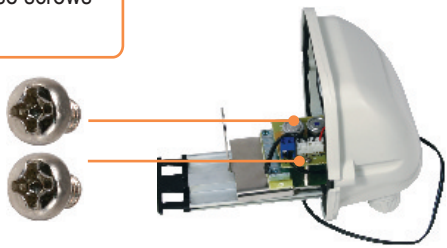
Note: Configure your Internet Camera Server to match your network before installing the device.

Hardware Installation

1. Remove the screws from the back of the camera enclosure. Save these screws. You will need to use these screws later.

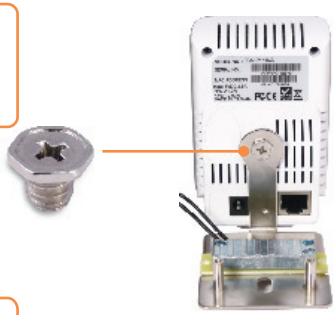
2. Slide out the back end of the enclosure.

3. Unscrew the circuit board from the metal bracket. Save these screws. You will need to use these screws later.



4. Unscrew the metal bracket from the TV-H110. Save this screw. You will need to use this screw later.

5. Use the following screw to mount the Internet Camera Server to the metal bracket.



6. Connect the IR shelter to the Internet Camera Server (TV-IP312/TV-IP312W only).

7. Take the Internet Camera Server's power adapter and cut about 4 inches from the end of the power connector using the wire cutter.
Note: This is the AC adapter that is included with your Internet Camera Server.

8. Take a utility knife and cut along the middle to split the cable into two strands.

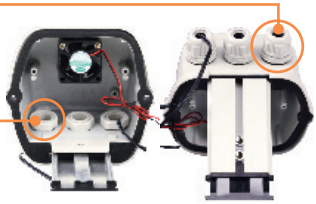
9. Use a wire stripper to remove the insulation to expose the copper wiring.

10. Run the Internet Camera Server's power adapter and RJ-45 Ethernet cable from the base to the top of the mounting arm. Make sure the end of the RJ-45 Ethernet cable that is run through the top of the TV-H110 is unterminated.

11. Run the TV-H110's power jumper cable from the top to the base of the camera housing.

12. Connect the power jumper cable to the TV-H110's power adapter.

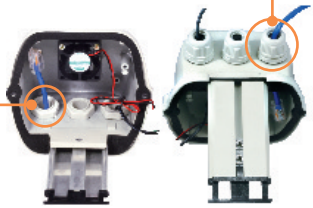
13. Remove one of the caps from the enclosure.



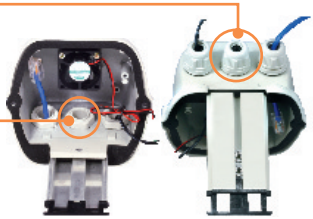
14. Insert the unterminated end of the Ethernet cable through the cap.

15. Terminate the Ethernet cable.

16. Insert the Ethernet cable through the hole. Then screw in the cap securely.

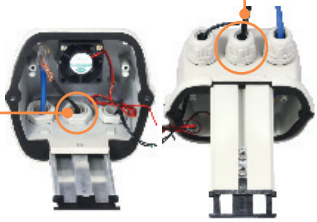


17. Remove an unused cap from the enclosure.



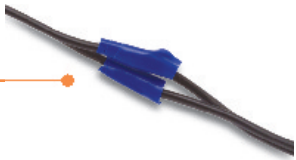
18. Insert the Internet Camera Server's power adapter through the cap.

19. Insert the Internet Camera Server's power adapter cable through the hole. Then screw in the cap securely.



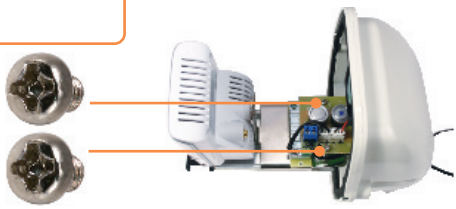
20. Connect the two ends of the power adapter back by twisting the copper wiring. Make sure you do not cross the copper wires.

21. Use electrical tape to seal the cables back together. Make sure to seal the individual strands separately.



22. Screw the metal bracket back into the Internet Camera Server.

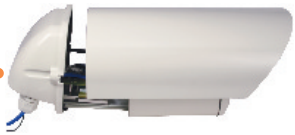
23. Screw the circuit board back to the metal bracket.



24. Connect the power adapter to the Internet Camera server.

25. Connect the Ethernet cable to the Internet Camera server.

26. Slide the back end of the enclosure back in.



27. Secure the screws into the back of the camera enclosure.

Installing External Antenna to Wireless Internet Camera

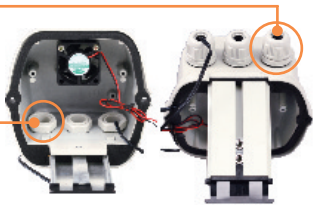
Note: Before installation, you need the following products: TEW-ASAK (v2.0R), TEW-L406 or TEW-L412 and an External Antenna (TEW-AO14D).

1. Remove the antenna from the back of your wireless Internet Camera Server.

2. Run the TEW-ASAK from the base to the top of the mounting arm.

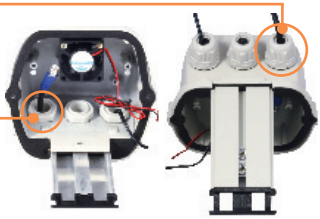
3. Follow steps 1-6 in the Hardware Installation section above.

4. Remove one of the caps from the enclosure.



5. Insert the TEW-ASAK through the cap.

6. Insert the TEW-ASAK through the hole. Then screw in the cap securely.



7. Please follow the previous section for installing the power adapter to the Internet Camera Server.

8. Screw the metal bracket back in to the Internet Camera Server.

9. Screw the circuit board back to the metal bracket.

10. Connect the TEW-ASAK and the power adapter to the Internet Camera Server.

11. Slide the back end of the enclosure back in.

12. Secure the screws into the back of the camera enclosure.

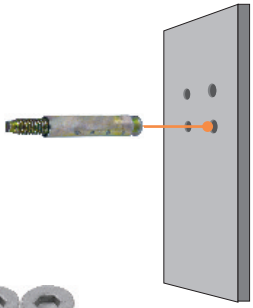
13. Follow the directions in the QIG for the TEW-ASAK to connect the surge arrestor to your outdoor antenna (e.g. TEW-AO14D).

Mounting the Camera Housing

1. Place the mounting bracket against the wall and mark each of the four holes with a pencil.

2. Drill holes for the screws at each marked position. Make sure the drill bit matches the size of the provided white screws.

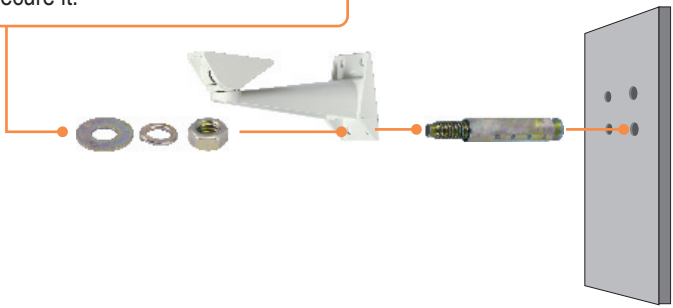
3. Insert the screws into the holes.



4. Use the bracket screws to mount the mounting bracket to the TV-H110. Use the provided Allen wrench to secure the mounting bracket.

5. Adjust the mounting bracket to the desired position. Then use the provided Allen wrench and turn it clockwise to secure position.

6. Align the Wall Mount bracket with the screws, and then use the provided nuts and washers to secure it.



Your installation is now complete.

Register Your Product

To ensure the highest level of customer service and support, please take a moment to register your product Online at: **www.trendnet.com/register**

Thank you for choosing TRENDnet

Q1: After I put my Internet Camera Server in the enclosure, the image is distorted. What should I do?

A1: First, make sure that you have adjusted the focus on your camera. Second, mount the TV-H110 so that it's not in direct view of the sun. Third, if you are using a day/night camera with an auto iris lens, make sure to push the camera all the may to the front so that the IR shelter is touching the glass.

Q2: Where is the Ethernet cable? The TV-H110 does not come with one?

A2: An Ethernet cable should be provided with your Internet Camera Server. If an Ethernet is not provided with your Internet Camera Server, you need to purchase an Ethernet cable.

Q3: My Ethernet cable will not fit through the cap. What should I do?

A3: You must first run the Ethernet cable unterminated. Once the Ethernet cable is run through the cap and the TV-H110, then terminate the Ethernet cable with an RJ-45 jack.

Q4: My antenna cable will not fit through the cap. What should I do?

A4: You must use the TEW-ASAK with the TEW-L406/TEW-L412. See Installing External Antenna to Wireless Internet Camera in section 2 for more instructions.

If you still encounter problems or have any questions regarding the **TV-H110,** please contact TRENDnet's Technical Support Department.

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TV-H110– 2 Year Limited Warranty

If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or part, deliver to customer an equivalent product or part to replace the defective item, or refund to customer the purchase price paid for the defective product. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and sent prepaid, insured and packaged appropriately for safe shipment.

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Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

AC/DC Power Adapter, Cable, Cooling Fan, and Power Supply carry 1 year warranty.

Certifications

This equipment has been tested and found to comply with FCC and CE Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received. Including interference that may cause undesired operation.

Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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En todos nuestros equipos se mencionan claramente las caracteristicas del adaptador de alimentacón necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños fisicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energia electrica domiciliaria existente en el pais o zona de instalación.

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